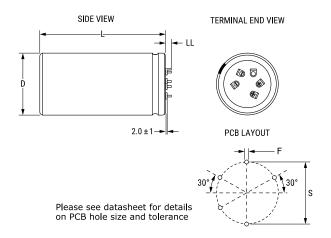




ALF80, Aluminum, Aluminum Electrolytic, 1,300 uF, 20%, 500 VDC, -40/ +105°C, 25 mm



General Information			
Series	ALF80		
Dielectric	Aluminum Electrolytic		
Style	Press-Fit		
Description	Aluminum Electrolytic		
RoHS	Yes		
Lead	5 Pin Press-Fit		
AEC-Q200	No		
Typical Component Weight	225 g		
Notes	Dimensions D And L Include Sleeving.		
Shelf Life	156 Weeks		

1,300 uF

1950 uA (5min 20°C)

20%

Click here for the 3D model.

Dimensions	
D	45mm +1mm
L	105mm +/-2mm
S	25mm +/-0.1mm
LL	5.5mm +/-1mm
F	1.486mm +/-0.076mm

S	25mm +/-0.1mm	Voltage DC	500 VDC, 550 VDC (Surge)
LL	5.5mm +/-1mm	Temperature Range	-40/+105°C
F 1.486mm +/-0.076mm	Rated Temperature	105°C	
Packaging Specifications		Life	9000 Hrs (Rated Voltage And Ripple Current At 105C), 14000 Hrs (Rated Voltage At 105C)
Sleeving	Yes	ESR	154.6 mOhms (100Hz 20C)
Packaging	Bulk	Ripple Current	5.937 Amps (100Hz 105C), 12.89 Amps (10kHz 105C)

Specifications

Leakage Current

Capacitance

Tolerance

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

Generated 08/24/2025 © 2006 - 2025 YAGEO